

On the Dry Side

Newsletter of the Monterey Bay Area Cactus & Succulent Society

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Our Society is well on its way to a new year of joining together to expand our individual knowledge of cacti & succulents, and enjoying the process in the company of friends.

We have enjoyed another in our annual series of Holiday Parties, and benefitted from exceptional bounties of plants in the Live and Silent Auctions. Through these activities, members added new plants to their collections, and contributed to the Society’s fundraising target that benefits us all.

We appreciate the work of the several many members who participated in arrangements for the Party. We’ll recognize their help during our general meeting in January, and invite all those present to join in a big Thank You!

This issue of *On the Dry Side* does not include the board’s meeting minutes because the board did not meet in December, in deference to the Party.

This issue does include a new calendar for 2019, now in separate pages for MBACSS and CSSA activities, providing space for more details. The following issues of the newsletter will update these calendars, as we gather info.

We should acknowledge that the 2018 calendar included an error in the date of the Holiday Party. This unfortunate error caused one member to miss the Party, which we regret. We always welcome feedback from error-spotters!

Let’s all look forward to a good year of learning as a group about our favored plants, building our personal collections, and discovering new ways to grow together. As always, as members contribute their time and creativity, the MBACSS flourishes and we all succeed. Your New Year’s Resolutions could include was you resolve to make this Society great.



Screen Shot
<http://echinopsisfreak.com/>
 (see p. 4)

Save the Date!

MBACSS Meets
January 20, 2019
 Potluck @ 12:30
 Gathering @ 12:00
 Program @ 1:00

Board Meets
January 20, 2019
 Board @ 11:00
 Members always
 welcome to attend

Future Meetings
Third Sundays
 Veterans of Foreign
 Wars, Post 1716
 1960 Freedom Blvd.
 Watsonville, CA

Preview of January's Program

Succulents under threat: Poaching, fires, disease, and climate affecting Dudleyas

by Steve McCabe

Stephen McCabe is Emeritus Director of Research at the Arboretum at the University of California Santa Cruz. He built the succulent collection at the Arboretum as the Curator of Succulents and is a Dudleya expert. He has been a member of the MBACSS almost since the beginning of the group.

Dudleya have become so popular in Asia that poaching has become rampant along the California coast.



Photo at right: Xiao Yang, of Elk Grove, California, was caught with 50 dudleya in his backpack. He received a fine of US \$5,000, three years' probation and 240 hours of community service. Picture: Patrick Freeling

Photo Gallery

MBACSS Holiday Party

Photos by Paul Albert & Fred Valentine



Top: Auctioneer Gary Stubblefield, with Stan Verkler, conducted the Live Auction.
Center Left: Screening the Silent Auction
Center Right: Jeff Brooks showed off an exceptional epiphyllum
Bottom: Dazzling display of plants that members brought in for the Live Auction



Photo Gallery

MBACSS Holiday Party (continued)

Photos by Paul Albert & Fred Valentine



Online Resources

Time-Lapse Cactus Flowers



Here's a good opportunity to "garden" for 4'20" on one of our current rainy days. Echinopsis enthusiast Greg Krehel produced several stunning time-lapse sequences that National Geographic posted on YouTube. Click [here](#) to see them, and scroll down on that page for more time-lapse sequences.

For more of Krehel's work, plus his notes for time-lapse photography, visit his website at <http://echinopsisfreak.com/>

January's Mini-Show Plants

Selections by Jeff Brook, Information by Wikipedia

Cactus

Espostoa, Cereus, Pilosocereus,
Cleistocactus, Polaskia

Espostoa is a genus of columnar cacti, comprising 16 species known from the Andes of southern Ecuador and Peru. It usually lives at an altitude of between 800m and 2500m. Its fruit is edible, sweet, and juicy. These candle-like cacti are covered with thorns and white hair.

Cereus is a genus of cacti including around 33 species of large columnar cacti from South America. The name is derived from Greek and Latin words meaning "wax" or "torch". The genus *Cereus* was one of the first cactus genera to be described.

Pilosocereus (from Latin, "hairy cereus") is a genus of cactus. Tree cactus is a common name for this species.

Cleistocactus is a genus of flowering plants in the cactus family, native to mountainous areas—to 9,843 ft.—of South America. The name comes from the Greek kleistos meaning closed because the flowers hardly open. The stems of these cacti are tall, mostly slender and often many-branched with numerous ribs with closely set areoles and spines. The flowers are tubular and the tips hardly open with only the style and stamens usually protruding.

Polaskia is a genus of tree-like cacti reaching 4–5 m high, comprising two species with primitive characteristics. *Polaskia chichipe* is nearer to *Myrtillocactus* while *Polaskia chende* is nearer to *Stenocereus*. The genus is found in the Mexican states of Puebla and Oaxaca.



Left: *Espostoa lanata* var. *gracilis* (Peruvian Old Man Cactus) at the University of California Botanical Garden

Right: *Dudleya brittonii* (Giant Chalk Dudleya) at Quail Botanical Gardens in Encinitas, California

Succulent

Dudleya

Dudleya is a genus of succulent perennials, consisting of about 45 species in southwest North America.

Many plants in the *Dudleya* genus were formerly classified as *Echeveria*.

The fleshy and glabrous leaves occur in basal rosettes, in colors generally ranging from green to gray. The inflorescences are on vertical or inclined stems up to a meter high, but usually much shorter, topped by a cyme with alternate leaf-like bracts. Both the petals and sepals of the small flowers are five in number and fused below. Five pistils, also fused below, have 10 stamens arranged around them.

Dudleya species are widespread in their range, typically found in rock outcroppings, cliff faces, or road cuts, where their leaves help them store water in a setting too dry for most types of plants. Most are small and inconspicuous when not in bloom.

The genus is named after William Russell Dudley, the first head of the botany department at Stanford University.

In horticulture, *Dudleya* should be planted at an angle. This allows accumulated water to drain from the nest-like center of the plant, thus preventing microbial decay.



MBACSS Calendar for 2019

Watch this space!

The New Year is just getting started. As plans develop, the blank spaces in this calendar will be filled in, describing a series of our Society's enjoyable and educational monthly meetings, special occasions, and (next page) events sponsored by the Cactus and Succulent Society of America and its affiliated organization.

A busy year is shaping up!

Thanks to Jeffry Brooks for selecting cacti and succulent categories for each month's Mini-Show.

Thanks to Jorge Quiñonez for gathering information for the CSSA section of the Calendar.

Month	Program	Cactus Mini-Show	Succulent Mini-Show
January 20	Stephen McCabe: Succulents under threat: Poaching, fires, disease, and climate affecting Dudleyas	Espostoa, Cereus, Pilosocereus, Cleistocactus, Polaskia	Dudleya
February 17	TBA	Ariocarpus, Astrophytum, Aztekium, Discocactus	Aloe
March 17	TBA	Ferocactus, Echinocactus, Carnegiea.	Aeonium
April 13-14	MBACSS Spring Show & Sale 10 San Jose Street, San Juan Bautista, CA		
April 21	TBA	Rebutia, Sulcorebutia, Sclerocactus	Echeveria, Pachyphytum. Pachyveria, Graptoveria, Graptophyllum
May 19	TBA	Mammillaria, Melocactus	Gasteria, Haworthia
June 16	TBA	Echinopsis, Obregonia, Aztekium	Epiphyllum, Rhipsalis, Ceropegia, Sedum morganianum, Hatiora
July 21	TBA	Opuntia, Tacinga, Miqueliopuntia, Cylandropuntia, Micropuntia	Euphorbia, Monadenium, Jatropha, Pedilanthus
August 18	Country Store		
September 15	TBA	Paordia, (Notocactus), Gymnocalycium, Blossfeldia	Crassula, Kalanchoe
10/5-6	MBACSS Fall Show & Sale 10 San Jose Street, San Juan Bautista, CA		
October 20	TBA	Copiapoa, Erioseyca, Escobaria. Pereskia	Pachyforms (Caudiforms, Pachycaulis) (Plants with thick or swollen stems, trunks or tuberous roots)
November 17	TBA	Best of your collection! One limitation!!! Must be in a 6" pot or smaller! Any entrant in a pot larger than 6" will be disqualified!	Aizoaceae Family: Aloinopsis, Cheiridopsis, Faucaria, Fenestraria, Gibbaeum, Lithops, Pleiospilos, etc. See SucculentGuide.com for other qualifying genera.
December 15	Christmas Party		

CSSA Calendar for 2019

1/19	Desert Forum 2019 [free to members with club badges if arrive before 9:45am] The Huntington Library, Art Collection and Botanical Gardens 1151 Oxford Road, San Marino, 91108
4/27-28	Cactus and Succulent Society of San Jose- 49th Spring Show & Sale Hours: 4/27 (9-5) & 4/28 (9-4) Peterson Middle School, 1380 Rosalia Ave, Sunnyvale, CA 94087
5/25-26	Central Coast C&SS – Annual Show & Sale 2019 Hours: 5/25 (10-5) & 5/26 (10-4) Ludwick Center, 864 Santa Rosa St., San Luis Obispo, CA 93401
6/29-30	54 th CSSA Annual Show & Sale The Huntington Library, Art Collection and Botanical Gardens 1151 Oxford Road, San Marino, CA
7/17-20	CSSA Convention 2019 San Luis Obispo



THE HUNTINGTON

LIBRARY, ART COLLECTIONS, AND BOTANICAL GARDENS
1151 Oxford Road, San Marino, California 91108 (626) 405-2100

BOTANICAL GARDENS

DESERT FORUM *Saturday, 19 January 2019*

SCHEDULE OF EVENTS

- 9:00 – 9:45 **Registration**
Please bring your CSSA or affiliated club badge or membership card for admission. In order to receive free admission, you must arrive by 9:45. Late arrivers will need to pay for Huntington admission.
- 9:00 – 10:00 Coffee and doughnuts will be available in the lower section of the Desert Garden
- 9:00 – 11:00 **Desert Garden**
- Knowledgeable staff and docents will be stationed throughout the Desert Garden and Desert Conservatory
 - Aloes will be flowering
- 11:00 – 1:00 **Plant Sales – (exclusively for CSSA and club members)**
Gate opens by the Teaching Greenhouse at 11:00 for plant sales - *please, no early bird shopping, and no shopping after 1:00.* Cash, checks, and credit cards accepted
- 1:00 – 5:00 **Free Time**
Participants are welcome to tour the gardens and galleries from 10:00 to 5:00.
- Lunch:**
- Café 1919 in the visitor center features a variety of sandwiches, salads, and grilled items
 - The tea room at Liu Fang Yuan is a nice option for Asian food
 - Red Car (coffee shop), located near the Store, offers a small selection of pre-made options

Officers and Chairpersons, 2019

CHAIRPERSONS

LIBRARIAN — Suzy Brooks
 MINI-SHOW — Jeff Brooks
 NEWSLETTER EDITOR— Tom Karwin
 PHOTOGRAPHY— Paul Albert, Fred Valentine
 PROGRAMS — Sarah Martin
 PUBLICITY — Sarah Martin, Sharon Lucchesi
 RAFFLES — Gary Stubblefield
 SALE FLOOR MANAGER— Gary Stubblefield
 SALES LIAISON — Sarah Martin
 SHOW—Naomi Bloss & Janet Sparks
 WEBMASTER — Anita Crawley

OFFICERS

PRESIDENT — Tom Karwin
 VICE PRESIDENT — Naomi Bloss
 SECRETARY — Mary Cross
 TREASURER — Lidia Hernandez
 MEMBERSHIP CHAIR — Karen Valentine
 AFFILIATE REPRESENTATIVE — Jorge Quiñonez
 DIRECTORS-AT -LARGE
 — Gary Stubblefield
 — Sarah Martin
 — Sharon Lucchesi
 IMMEDIATE PAST PRESIDENT — Stan Verkler
 IMMEDIATE PAST TREASURER — Ruth Pantry

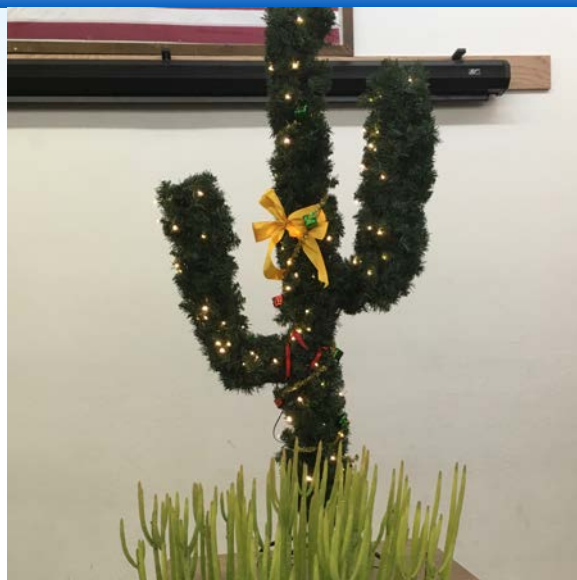
Members Update

Warm welcome to these new members, who signed up during our Holiday Party, and thus started the New Year with the opportunity to join our Society's continuing exploration of the world of cacti and succulents.

Barbara Crum, Freedom
 Roger Lane, Los Altos
 Tiffany and Eric Sheele, Monterey, CA
 Jacky Wilk, Hollister
 Annie and Jeff Wolf , Sunnyvale
 Cecilia Caday, TBA

New and renewal memberships are always welcome. For information, visit <http://mbsucculent.org/membership/>
 If you have not renewed your membership, this is the last issue of *On the Dry Side* you will receive by e-mail.

Photo (right): Jorge and Lidia Quiñonez created this unique tree—with lights!—for our Christmas Party.



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Monterey Bay Area Cactus & Succulent Society
<http://mbsucculent.org>